



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

## NOTICE OF ACCEPTANCE (NOA)

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

Horton Automatics Division of Overhead Door  
4242 Baldwin Boulevard  
Corpus Christi, TX 78405

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "2001/110 "(Sx-O) Aluminum Automatic Sliding Door w/ Breakout-NI

**APPROVAL DOCUMENT:** Drawing No. **040709-N**, titled "Series 2001/110 Non-Impact Single Slide", sheets 1 through 4, of 4 prepared by manufacturer, dated 11/23/09 and last revised on 01/18/10, signed and sealed by John E. Scates, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

### MISSILE IMPACT RATING: None

1. Approved Hurricane protection Devices complying w/ FBC are required.
2. Max DLO not to exceed DLO width=37" and DLO height=37"
3. Not approved where water infiltration is required.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA # **08-0825.01** consists of this page 1 and evidence pages E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 10-0322.16  
Expiration Date: October 09, 2013  
Approval Date: July 14, 2010  
Page 1

6/21/10

**Horton Automatics Division of Overhead Door**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS**
1. Manufacturer's die drawings and sections (Photocopy from file # **08-0528.01**)
  2. Drawing No. **040709-N**, titled "Series 2001/110 Non-Impact Single Slide", sheets 1 through 4, of 4 prepared by manufacturer, dated 11/23/09 and last revised on 01/18/10, signed and sealed by John E. Scates, P.E.
- B. TESTS** (Photocopy from file # **08-0528.01**)
1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94.  
4) Water Resistant test, per FBC, TAS 202-94 (Not conducted)  
along with installation diagram of an aluminum automatic sliding glass doors, prepared by Hurricane Testing Laboratories, Test Report No. **HTL-0322-1103-07**, dated 03/14/08 and revised on 06/12/08 by an addendum letter, signed and sealed by Vinu Abraham, P.E.
- C. CALCULATIONS:**
1. Anchor verification calculations and structural analysis dated 01/18/10, prepared, signed and sealed by John E. Scates, P.E.
  2. Glazing complies w/ ASTM E-1300-02 and -04
- D. QUALITY ASSURANCE BY**
1. Miami Dade building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. None
- F. STATEMENTS**
1. Statement letter of conformance & "No financial interest", dated 01/18/10, signed & sealed by John E. Scates, P.E.
  2. Addendum letter dated 06-12-08, issued by Hurricane Testing lab, signed and sealed by Vinu Abraham, P. E.
  3. Statement letter of compliance, part of above test report.
- G. OTHER**
1. This NOA revises NOA # **08-0825.01**, expiring October 09, 2013.

*Ishaq I. Chanda*

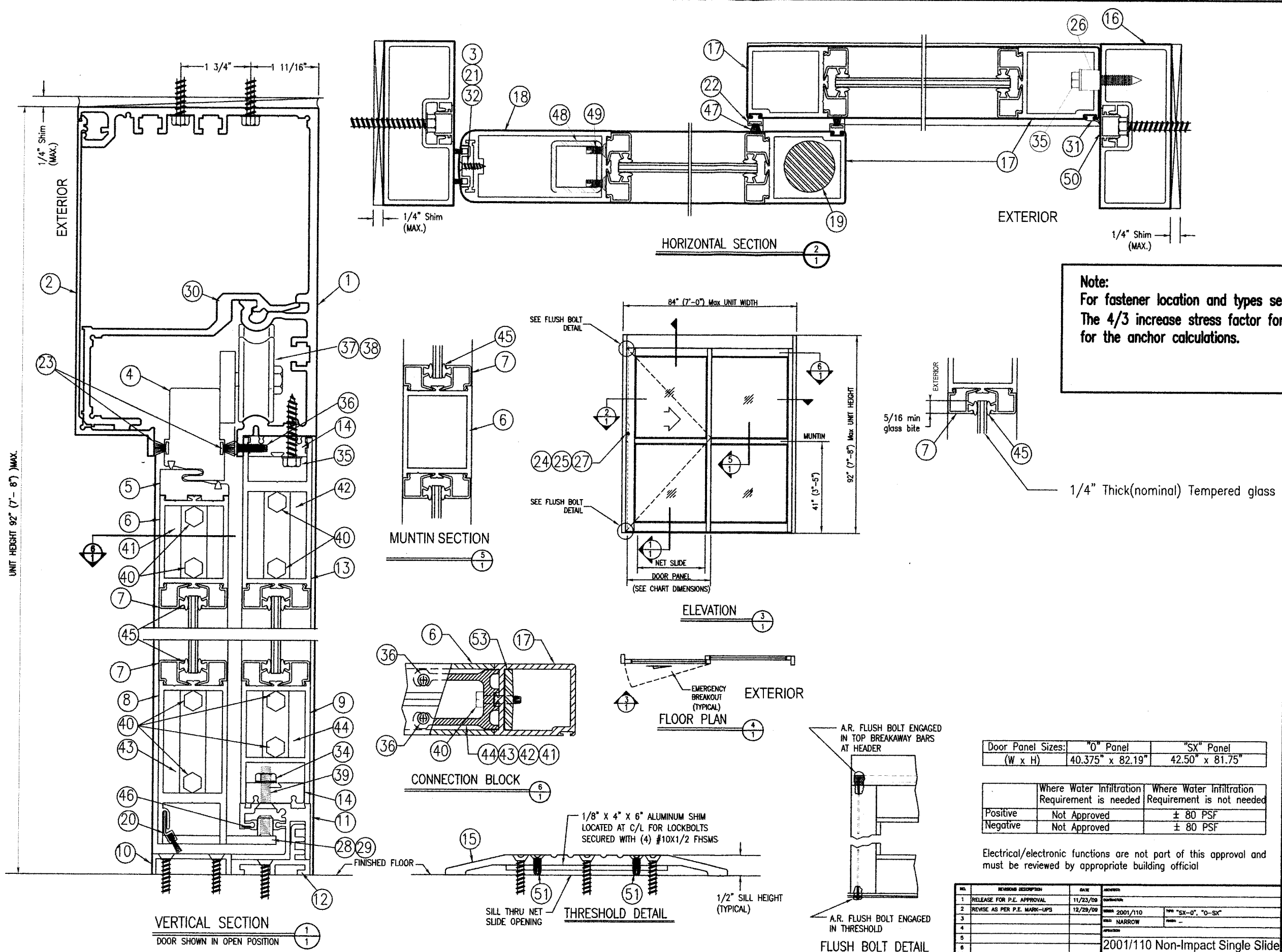
Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 10-0322.16

Expiration Date: October 09, 2013

Approval Date: July 16, 2010



**Note:**  
 For fastener location and types see sheets 2 and 3.  
 The 4/3 increase stress factor for wind loads was not used for the anchor calculations.

JOHN E. SCATES, P.E.  
 3121 FAIRGATE DR.  
 CARROLLTON, TX 75007  
 FL PE 51737

*John E. Scates*  
 1/18/10

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 10-0322-16  
 Expiration Date: OCT 09, 2013

By: *Ismael L. Llanusa*  
 Miami Dade Product Control  
 Division

Door Panel Sizes:		"O" Panel	"SX" Panel
(W x H)		40.375" x 82.19"	42.50" x 81.75"
	Where Water Infiltration Requirement is needed	Where Water Infiltration Requirement is not needed	
Positive	Not Approved	± 80 PSF	
Negative	Not Approved	± 80 PSF	

Electrical/electronic functions are not part of this approval and must be reviewed by appropriate building official

NO.	REVISION DESCRIPTION	DATE	APPROVED
1	RELEASE FOR P.E. APPROVAL	11/23/09	
2	REVISE AS PER P.E. MARK-UPS	12/29/09	
3			
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2001/110 Non-Impact Single Slide  
 Dwg. No. 040709-N

A DIVISION OF OVERHEAD DOOR CORP.  
 4242 BALDWIN BOULEVARD  
 CORPUS CHRISTI, TEXAS 78405-3399  
 361-888-5591 1-800-531-3111  
 FAX: 361-888-6510, 1-800-531-3108

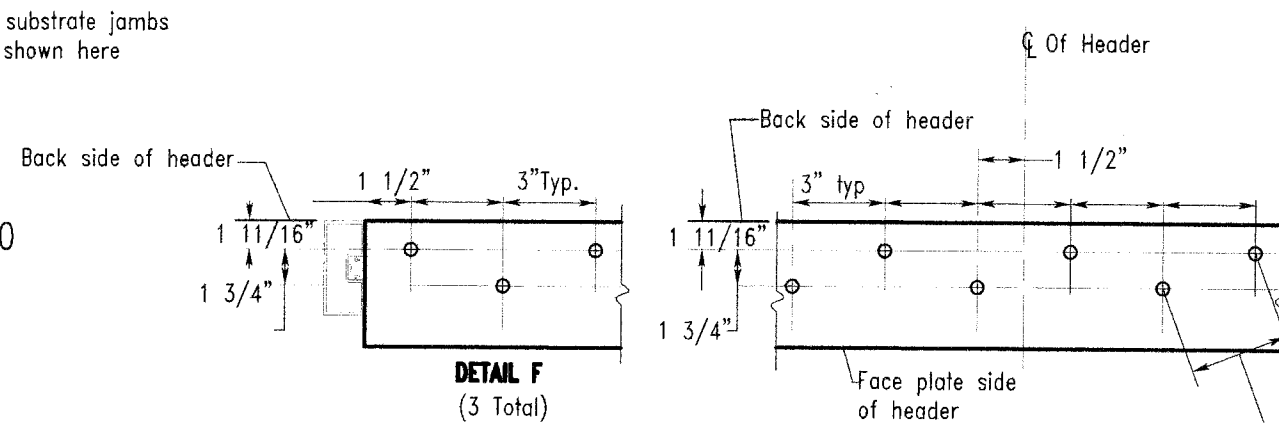
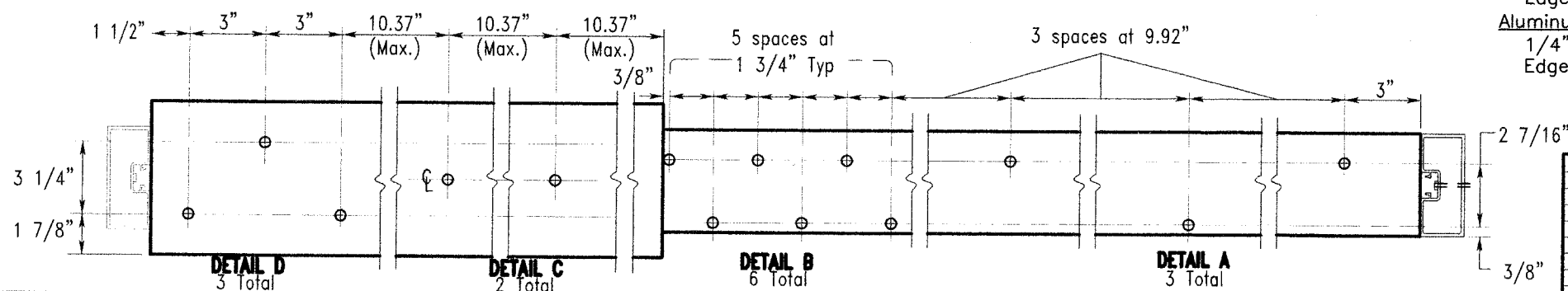
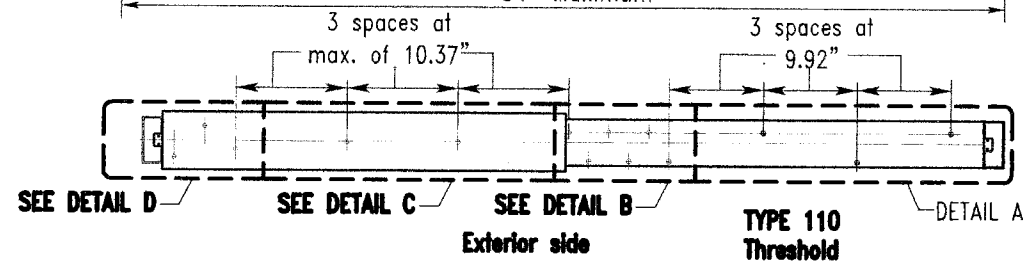
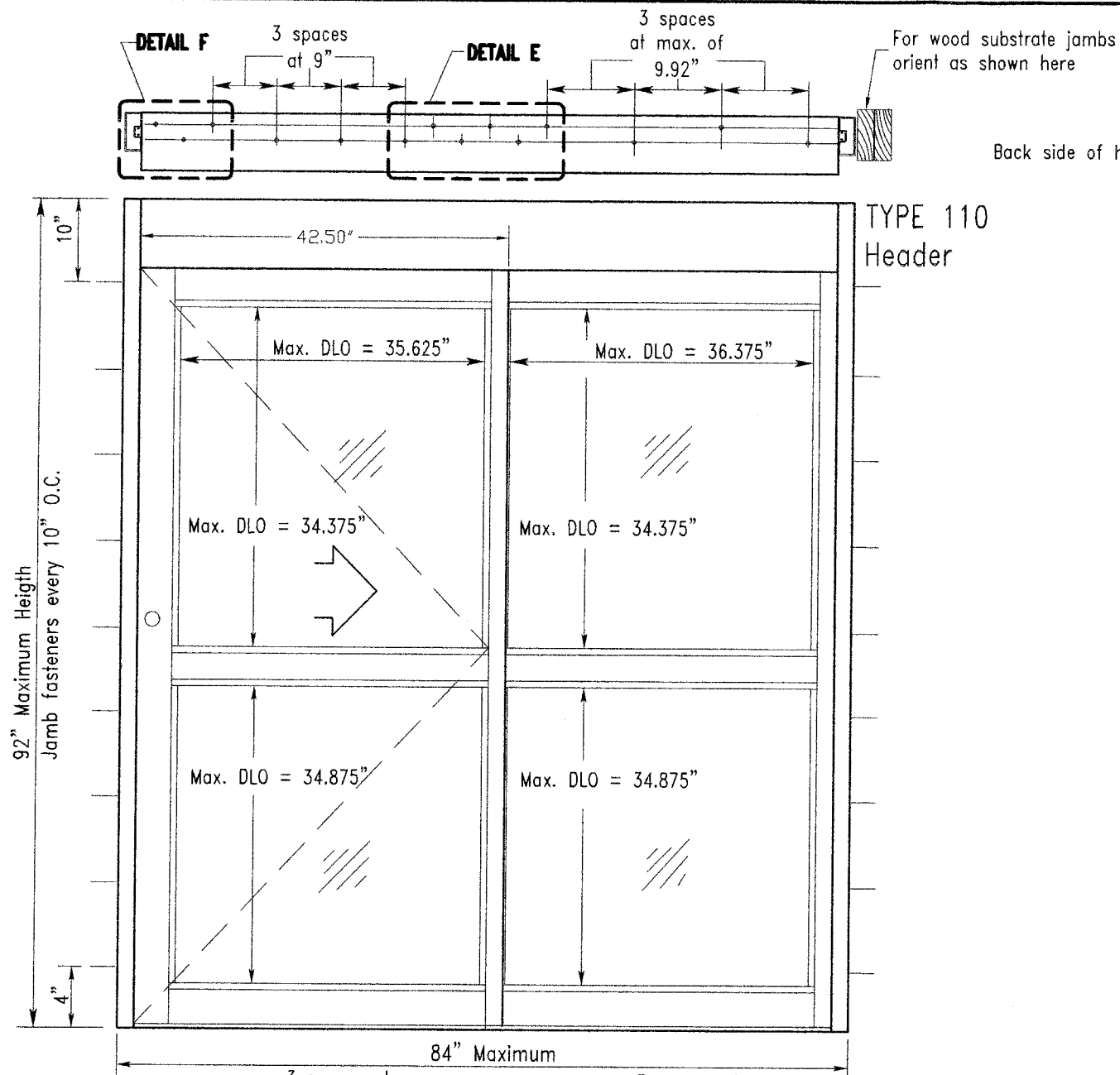
**Horton**

MIAMI-DADE

DATE: 04/10/09

1 of 4

2



The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation-1/4" thk. Max

The 4/3 increase stress factor for wind loads was not used for the anchor calculations.

Ref. 3" min. distance between all fasteners in concrete

#### HEADER

Steel (1/4" Thick,  $F_y=36$  KSI) - INTERCORP #14 Steel HWH Self-Drilling Screw, 0.625" Min. Edge Distance  
Aluminum(0.125" Thick Min./6063-T5) - 1/4"-14 HWH Sheetmetal Screw, 1" Min. Edge Distance.

#### JAMBS

Steel (1/4" Thick,  $F_y=36$  KSI) - ITW TEKS SCREW #14-20, HWH w/WINGS Self-Drilling Screw 0.625" Minimum Edge Distance  
Concrete(3000 PSI) - BUILDEX TAPCON 1/4" HWH Concrete Screw/Anchor, 2.0" Embed, 2.5" Min. Edge Distance  
Masonry(Solid CMU Block) - BUILDEX TAPCON 1/4" HWH Concrete Screw/Anchor, 2.0" Embed, 2.5" Min. Edge Distance  
Aluminum(0.125" Thick Minimum/6063-T5) - 1/4"-14 HWH Sheetmetal Screw, 1" Min. Edge Distance.  
Wood(#2 SP)-#14 x 4" Long Woodscrew or 1/4" x 4" Long Lag Bolt, 2.75" Minimum Penetration, 1" Minimum Edge Distance.

#### THRESHOLD

Steel (1/4" Thick,  $F_y=36$  KSI)- ITW TEKS SCREW #14-20 PFH w/Wings Self-Drilling Screw, 0.625" Minimum Edge Distance  
Concrete(3000 PSI)- BUILDEX TAPCON 1/4" Concrete Screw 2.0" Embed, 2.5" Minimum Edge Distance  
Aluminum(0.125" Thick Minimum/6063-T5) - 1/4"-14 FH Sheetmetal Screw, 1" Minimum Edge Distance

2001/110 Non-Impact Single Slide

NO.	REVISIONS DESCRIPTION	DATE	APPROVED
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2	REVISED AS PER P.E. MARK-UPS	12/29/09	
3			
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JOHN E. SCATES, P.E.  
3121 FAIRGATE DR.  
CARROLLTON, TX 75007  
FL PE 51737

John E. Scates  
1/18/10

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 10-0322-16  
Expiration Date OCT 09, 2013  
By Ishag I. Uluoglu  
Miami Dade Product Control  
Division

A DIVISION OF OVERHEAD DOOR CORP.  
4242 BALDWIN BOULEVARD  
CORPUS CHRISTI, TEXAS 78405-3399  
361-888-5591 1-800-531-3111  
FAX: 361-888-6510, 1-800-531-3108  
Horton  
AUTOMATIC  
FASTENERS  
FASTENER LOCATIONS  
Dwg. No. 040709-N  
DATE 04/10/09  
PAGE 2 of 4

ITEM #	HORTON PART NUMBER	DESCRIPTION
1	C03600.0005	ALUMINUM EXTRUSION: HEADER
2	C03601.0002	ALUMINUM EXTRUSION: FACEPLATE
3	C00358.000R	ALUMINUM EXTRUSION: ASTRAGAL
4	C00314.0000	ALUMINUM EXTRUSION: INTERLOCK TOP
5	C00327.0000	ALUMINUM EXTRUSION: INTERLOCK LOWER
6	C00337.000R	ALUMINUM EXTRUSION: TOP RAIL & MUNTIN
7	C00338.000R	ALUMINUM EXTRUSION: GLASS STOP
8	C00336.0001	ALUMINUM EXTRUSION: BOTTOM RAIL
9	C00325.0002	ALUMINUM EXTRUSION: BOTTOM RAIL
10	C00315.0000	ALUMINUM EXTRUSION: TRACK FILLER
11	C00330.0001	ALUMINUM EXTRUSION: BOTTOM GUIDE
12	C00386.0001	ALUMINUM EXTRUSION: ADAPTOR
13	C02801.0000	ALUMINUM EXTRUSION: TOP RAIL
14	C02899.0002	ALUMINUM EXTRUSION: CORNER BLOCK (USED AS REINFORCEMENT)
15	C00390.0000	ALUMINUM EXTRUSION: THRESHOLD 7"
16	C00351.0000	ALUMINUM EXTRUSION: JAMB TUBE 4" X 1-3/4" W/ POCKET
17	C00335.000R	ALUMINUM EXTRUSION: VERTICAL RAIL
18	C00363.0000	ALUMINUM EXTRUSION: VERTICAL RAIL
19	C00818.000R	BAR TORSION (SERVES AS SLIDE PANEL TOP PIVOT)
20	C00524.00FL	WEATHERSEAL BRUSH (FELTON #490621)
21	C00350.0000	NOSING SEAL SCHLEGEL #1104-5101
22	C00397.0000	ADAPTER FOR C00389.01FL
23	C00293.0000	WEATHERSEAL BRUSH SCHLEGEL #8430-5016-7
24	C00454.0000	LOCK, MAX SECURITY ADAMS RITE MS1850S w/ ADAMS RITE 4015 HEADER BOLT
25	C00463.0000	THUMBTURN ADAMS RITE 4066
26	C02098.0000	SECURITY POST; 1/2" O.D. X 3/4" LG. x .083" WALL ALUM. TUBE (PLACED AT 24" & 48" ABOVE FINISHED FLOOR)
27	C00883.0000	3/8" HEX BOLT ADAMS RITE 4015 EXTENDING INTO HEAD AND SILL 1/2"
28	C00843.01FL	BOTTOM GUIDE DOOR MOUNTED
29	C00844.01FL	BOTTOM GUIDE DOOR MOUNTED
30	C03638.0000	HEADER & FACEPLATE SUPPORT
31	C00371.000R	WEATHERSTRIP; PANEL TO JAMB
32	C00664.0001	#8 X 3/4 FHSMS
33	C09653.0000	#10 X 3/4" FHSMS (NOT USED)
34	C00404.0000	1/4-20 LOCKNUT
35	C00417.0000	#14 X 1-1/2 HWSMS
36	C00449.0000	#10-24 X 1" FHMS
37	C03682.0006	DRIVE WHEEL ASSEMBLY
38	C03681.0001	IDLER ASSEMBLY
39	C08151.0000	1/4-20 X 1" FHMS
40	C08150.0000	1/4-20 X 3/4 HHMB
41	C00537.000R	CORNER BLOCK
42	C09490.0001	CORNER BLOCK
43	C00536.0001	CORNER BLOCK
44	C09582.0002	CORNER BLOCK
45	C00341.0001	VINYL GLAZING BULB
46	C00289.0000	TRACK CAP
47	C00389.01FL	INTERLOCK SEAL SCHLEGEL #7595-6011-0
48	MI 0344.0000	REINFORCING BACKUP TUBE; 1 1/4" X 1 1/4 " X 1/8" A36, FULL LENGTH OF VERT.RAIL
49	C00437.000A/B	#10-24 x 1/2 FHSMS LESS THAN 10" APART (STAGGERED)
50	C00353.0000	COVER, RECESS - JAMB
51	C00437.000A/B	#10-24 x 1/2 FHSMS
52	NPN	GLAZING - DOW CORNING #995 (NOT USED) <i>F 6/12/10</i>
53	C0538.000R	BACKUP PLATE; CRS

JOHN E. SCATES, P.E.  
3121 FAIRGATE DR.  
CARROLLTON, TX 75007  
FL PE 51737

*John E. Scates*  
1/18/10

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 10-0322-16  
Expiration Date OCT 09, 2013  
By Isling L. Chaudh  
Miami Dade Product Control  
Division

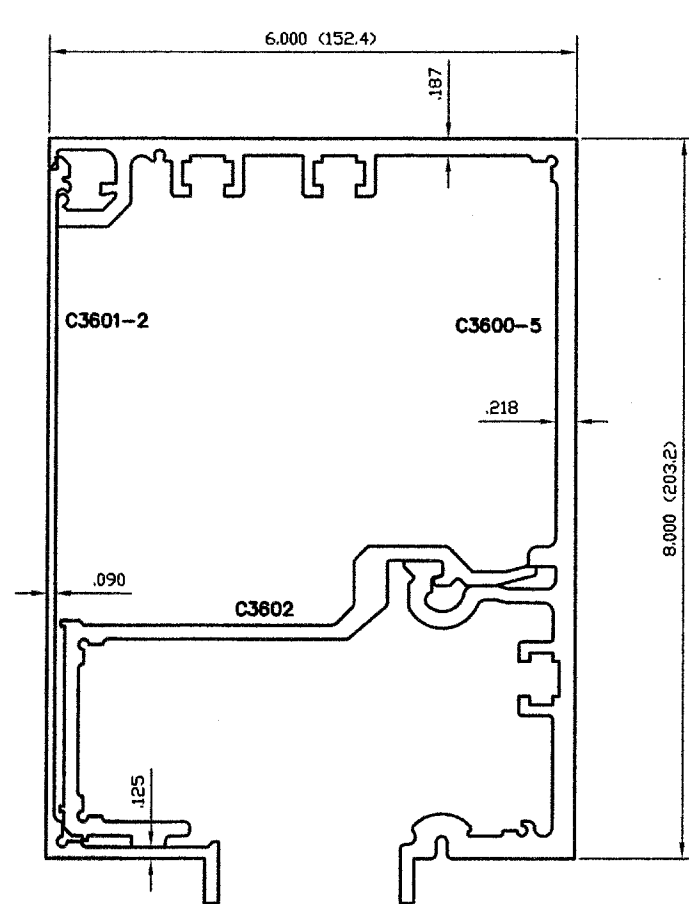
2001/110 Non-Impact Single Slide

NO.	REVISION DESCRIPTION	DATE	APPROVED
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2	REVISED AS PER P.E. MARK-UPS	12/29/09	
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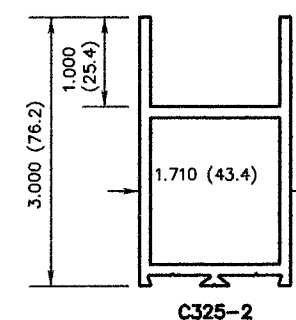
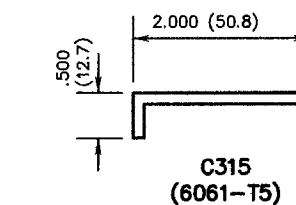
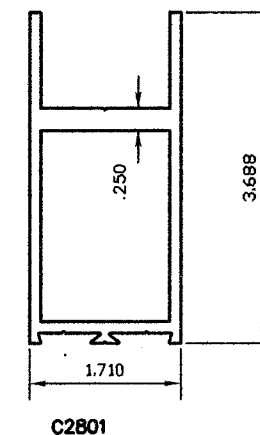
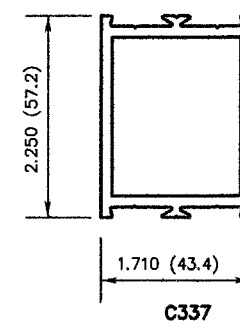
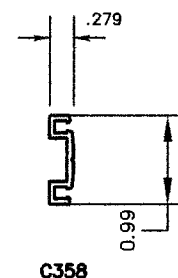
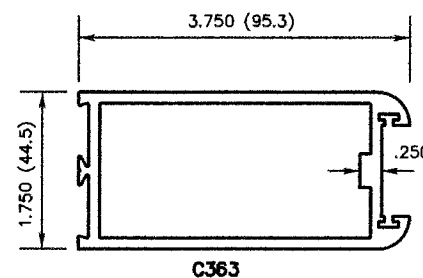
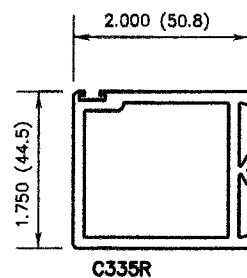
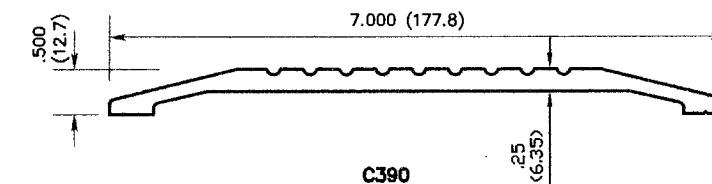
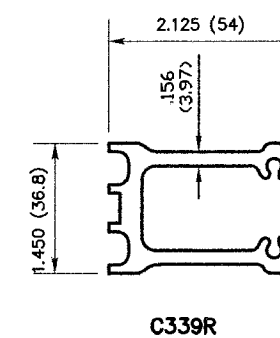
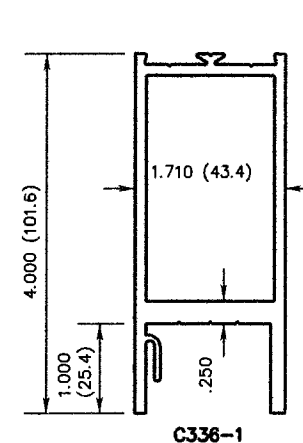
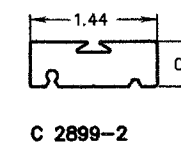
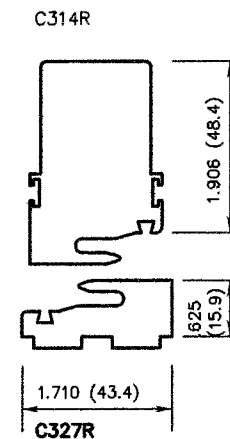
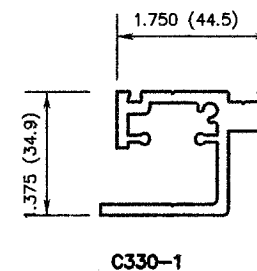
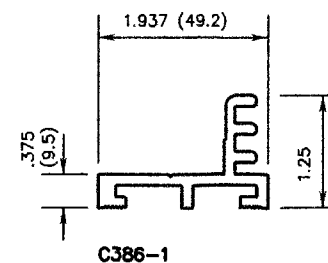
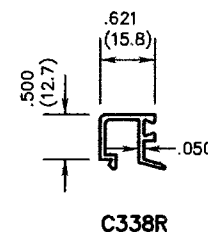
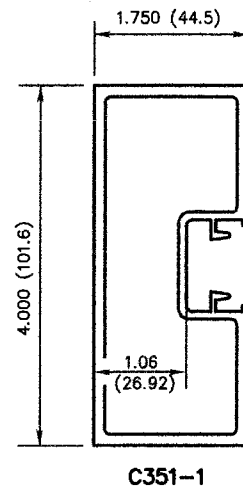
CONTRACTOR	SERIES	TYPE
	2001/110	"SX-O", "O-SX"
STYLE	NARROW	FINISH
ACTUATOR		
LOCATION		
DISTRIBUTION		
DATE	FILE #	SHEET 3 of 4
BY: A. NADGOUDA	DATE: 04/07/09	REVISION 2

Bill of Materials  
Dwg. No. 040709-N

A DIVISION OF OVERHEAD DOOR CORP.  
4242 BALDWIN BOULEVARD  
CORPUS CHRISTI, TEXAS 78405-3399  
361-888-5591 1-800-531-3111  
FAX: 361-888-6510, 1-800-531-3108  
MIAMI-DADE



6" X 8"  
(152.4) (203.2)  
ASSEMBLED



TYPICAL THICKNESS = .125" UNLESS OTHERWISE NOTED

ALL EXTRUSIONS ARE 6063-T5 UNLESS OTHERWISE NOTED

# 2001/110 Non-Impact Single Slide

NO.	REVISIONS DESCRIPTION	DATE	BY
1	RELEASE FOR P.E. APPROVAL	11/23/09	
2	REVISED AS PER P.E. MARK-UPS	12/29/09	
3			
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Extrusion chart  
Dwg. No. 040709-N

JOHN E. SCATES, P.E.  
3121 FAIRGATE DR.  
CARROLLTON, TX 75007  
FL PE 51737

*John E. Scates*  
1/18/10

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 10-0322-16  
Expiration Date OCT 9, 2013  
By *Shaggy Chandel*  
Miami Dade Product Control  
Division

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Horton	
400 MIAMI DADE	
LOCATION	
REVISIONS	
DATE	BY
04/10/09	2